

Message

From: Shanight, David [ShanightDT@cdmsmith.com]
Sent: 8/29/2018 8:35:35 PM
To: Greene, Nikia [Greene.Nikia@epa.gov]
Subject: FW: Recent Butte Health Study
Attachments: ETP-2017.pdf

Nikia,

This is the same article that we located last October.

From: Coover, Curt
Sent: Monday, October 02, 2017 3:43 PM
To: Nikia Greene (Greene.Nikia@epamail.epa.gov) <Greene.Nikia@epamail.epa.gov>
Cc: Shanight, David <ShanightDT@cdmsmith.com>; Storrar, Chapin S. <storrarcs@cdmsmith.com>
Subject: Recent Butte Health Study

Nikia:

In case you hadn't seen this article, I have attached it. It takes aim at current mining and dust.

Curt

Here is the main finding:

Data collected suggests that current open-pit mining practices within the city limits of Butte, MT may be causing chronic inhalation and/or ingestion of low levels of various metals. Both hair and blood data revealed elevated levels of As in the Butte population as compared to Bozeman. In addition, Al, Cu, Cd, Mn, Mo, and U were found to be elevated in hair samples of Butte residents as compared to Bozeman residents. These elevated metals could be associated with aberrant biological regulation of important enzymatic and biological cofactors which, in turn, may impact human health.